

Applicati n N .: 09/463,565
Amendment dated: June 9, 2003
Reply t Office Acti n f: May 2, 2003

MAT-7886US

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1. (Amended) An electrode plate for a battery, the electrode plate comprising a surface having formed thereon an oxide layer, the oxide layer being formed by applying a boehmite treatment to the electrode plate surface and a layer of an electrode active material is on the oxide layer.

Claim 2. (Previously Amended) The electrode plate as cited in Claim 1 wherein the electrode plate is included in the battery.

Claim 3. (Previously Amended) The electrode plate as cited in Claim 1, wherein the oxide layer has a thickness of 0.5 μm to 5 μm .

Claim 4. (Previously Amended) The electrode plate as cited in Claim 2, wherein the oxide layer has a thickness of 0.5 μm to 5 μm .

Claim 5. (Previously Amended) The electrode plate as cited in Claim 1 wherein the electrode plate is selected from the group consisting of a negative electrode plate and a positive electrode plate.

Claim 6. (Withdrawn)

Claim 7. (Withdrawn)

Claim 8. (Cancelled).

Claim 9. (Amended) The electrode plate as cited in Claim 8-1 wherein the paste is a dried paste.

Claim 10. (Previously Added) A method for producing an electrode plate for a lithium secondary battery, the method comprising the steps of:

providing an electrode plate;

forming an oxide layer on the electrode plate by applying a boehmite treatment to the electrode plate;

applying a paste comprising an electrode active material to the oxide layer;

and

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drying the paste.

12 Claim 11. (Newly Added) The method as cited in claim 10, wherein the formed oxide layer is non-porous.

Claim 12. (Newly Added) The electrode plate as cited in claim 1, wherein the oxide layer is non-porous.